S/032/60/026/011/007/035 B015/B066

AUTHORS: Klyachko, Yu. A., Shapiro, M. M., and Yakovleva, Ye. F.

ITLE: Phase Analysis of Nitrided Low-carbon Steels Which Also

TITLE: Phase Analysis of Contain Niobium A

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 11,

pp. 1219-1223

TEXT: The problem of niobium distribution among the phases in nitrided steels is complicated, and publications contain contradictory data (Ref. 1) regarding the phases in the binary systems Nb - C and Nb - N. Brauer and Lessor (Ref. 2) found that in the system Nb - NbC - NbN the NbC has a cubic lattice of the NaCl type. The present authors investigated the composition of the phase components of niobium in steel alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition, i.e. alloys with low carbon content, but of three different composition in the steel types 3M 694 (EI694); 3M 847 (EI847); and 3M 851 (EI851)! They the steel types 3M 694 (EI694); 3M 847 (EI847); and an electrolyte of the used two methods of anodic dissolution: once in an electrolyte of the used two methods of anodic dissolution: once in an electrolyte of the and a temperature not exceeding 20°C, and, in parallel, with the same

Card 1/2

Phase Analysis of Nitrided Low-carbon Steels Which Also Contain Nicbium

S/032/60/026/011/007/035 B015/B066

methanol) at 0.025 a/cm² and -10°C. The results obtained in both experimental series were in good agreement. It was found (by means of x phase with cubic lattice (4.428 · 4.435 A) occurs in the ancde deposite. A chemical analysis revealed that the phase contains nitrogen, and it may be seen from the X-ray analysis that no hexagonal lattice occurs which is characteristic of niobium nitride. Thus the compound deposited is niobium nitrocarbide. The nitrogen and carbon contents in the nitrocarbide phase this purpose, and it was found that at lower nitrogen content in the steel the nitrocarbide phase has the composition Nb(C, N)1.00; and at the usual nitrogen content (~0.07%) the composition Nb(C, N)1.10. There are 5 tables and 8 references: 5 Soviet, 1 German, 1 French, and

ASSOCIATION:

Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. I. P. Bardina (Central Scientific Research Institute of Ferrous Metallurgy imeni I. P. Bardin)

Card 2/2

# s/700/61/000/006/006/018 D217/D304

Klyachenko, Yu. A., Shapiro, M. M. and Yakovleva. AUTHORS:

Phase analysis of nitrides in steel and alloys

Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki TITLE: i spetsial'nykh splavov. Seminar po zharostoykim materialam. Kiyev, 1960. Trudy no. 6: Khimicheskiye svoystva SOURCE:

i metody analiza tugoplavkikh soyedineniy. Kiyev, Izd.

vo AS UkrSSR, 1961, 59-63

TEXT: A study of the TiN and Nb (C, N) phases was carried out, and a method was developed for their chemical analysis, initially using synthetic preparations, and subsequently, nitrides separated from nitrided stools and alloys. These methods of analysis are described in detail. The authors have also succeeded in separating cribed in detail. The authors have also succeeded in separating chromium nitrides from a nitrided Cr-base alloy by electrolysis at a low current density (0.02 A/cm<sup>2</sup>). This phase was identified at a low current density as well as by determination of nitrogen in the radiographically, as well as by determination of separated by the electrolytic deposit. Zr and V nitrides can be separated by the Card 1/2

Phase analysis of ...

\$/700/61/000/006/006/018 D217/D304

THE RESIDENCE PROPERTY OF THE PROPERTY OF THE

same method. There are 3 figures. 3 tables and 4 references: 3 So-viet-bloc and 1 non-Soviet-bloc.

ASSOCIATION:

Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni I. P. Bardina (Central Scientific Research Institute of Ferrous Metallurgy; imeni I. P. Bardin)

Card 2/2

S/700/61/000/006/010/018 D267/D304

Klyachko, Yu. A., Shapiro, M. M. and Yakovleva, Ye. F. AUTHORS:

Separation of phase components from the nickel-base alloys and modern methods of their chemical analysis TITLE:

Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'nykh splavov. Seminar po zharostoykim materialam. Kiyev, 1960. Trudy no. 6: Khimicheskiye svoystva SOURCE: i metody analiza tugoplavkikh soyedineniy. Kiyev, Izd-vo AS UkrSSR, 1961, 80-87

The authors investigated by the method of phase analysis the multi-component refractory nickel-base alleys. The electrolytic separation of intermetallic compounds and carbides in Ni alloys containing Al, Ti, Mo, W, Nb and Co was carried out by methods developed at TsNIIChM(I) and at VIAM (II). Flowsheets of the two procedures are given and described. It was found that the differences between the countries of all of the countries of the countries of the countries of all of the countries of the between the quantities of electrolytic deposits, obtained with me-

Card 1/3

S/700/61/000/006/010/018 D267/D304

Separation of phase ..

thed I and II electrolytes from the same sample were small. It was also found that in the alloys under consideration, the phase separation is determined by the magnitude of the potential which is established during dissolution. Both I and II electrolytes used for separating intermetallic compounds have similar dissolution potentials (1.3 - 1.4 V), whereas the corresponding potentials for the electrolytes used for separating carbides amount to 0.4 - 0.7V. The separation of phases is apparently independent of pH, electrical conductivity or current density. The following phases were disclosed by X-ray analysis in the anode residues: 1) Intermetallic phase Ni3Al (7° phase with a face-centered cubic lattice (a = 3.56 kX)); this phase can dissolve Ti, Mo, W, Cr and also Co. 2) Intermetallic phase Ni3 (Ti, Al) with a face-centered cubic lattice (a = 3.58 kX); this appears either with or without the y phase and dissolves W, Cr, Mo and other elements. 3) Intermetallic phase Ni<sub>3</sub>Ti, separated from alloys of the XH8OT (KhN8OT) type after aging at 850°C for 300 - 2000 hours. It has a dense hexagonal lat-Card 2/3

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R00196201 Separation of phase ...

S/700/61/000/006/010/018 D267/D304

tice (a = 5.11 kX, c = 8.31 kX, c/a = 1.63). These phases contained MeC and Me $_{23}$ C<sub>6</sub> (only one multi-component alloy disclosed a carbide of the Me<sub>6</sub>C type). It was shown that some carbides can be completely separated. The authors used colorimetric methods to determine Al, Nb, Ti, Mo, Co etc. It was possible to obtain reproducible and stable results in analyzing intermetallic compounds, nitrides and non-metallic inclusions. For Al content range 0.001 - 0.01% the accuracy of the method was  $\pm$  0.001 - 0.003%. For Nb the absolute accuracy of the method was  $\pm$  0.01 - 0.1%,  $\pm$  0.0035 - 0.02% for Ti in the range 0.05 - 2% and  $\pm$  0.0001% for Co. Experimental details are given. There are 4 figures, 2 tables and 6 Soviet-bloc references.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. I. P. Bardina (Contral Scientific Research Institute of Ferrous Metallurgy im. I. P. Bardin)

Card 3/3

8/137/62/000/008/050/065 A006/A101

AUTHORS:

Klyachko, Yu. A., Shapiro, M. M., Yakovleva, Ye. F.

TITLE:

Phase analysis of nitrides in steel and alloys

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 8, 1962, 113, abstract 81763

("Byul. In-t metallokeram. i spets. splayov AN UkrSSR", 1961, no. 6,

59 - 63)

To carry out phase analyses of nitrides and carbonitrides of steel, the method of electrolytical dissolving is used with subsequent determination of N by the Kjeldahl method. Electrolysis of Ti-containing steels is performed in an electrolyte of 15% NaCl + 2.5% tartaric acid at 0.6 - 0:7 amp/cm2 current density. The electrolytic deposit is dissolved in a H2SO4 + KHSO4 + K2Cr2O7 mixture and N2 is sublimated in the form of NH3. If carbonitrides are absent, TiN is dissolved in aqua regia and Ni2 is determined from Ti. Al-nitrides are separated out by the chloride method. After disintegrating of the carbides by the nitricacid method, AlN is dissolved by heating in 5% NaOH and Al is determined from the filtrate. The separation of Nb nitrocarbide is performed in the same electrolyte at 1.2 amp/cm<sup>2</sup> current density. After washing, evaporation and roasting,

Card 1/2

Phase analysis of nitrides in steel and alloys

S/137/62/000/008/050/065 A006/A101

H<sub>2</sub>SO<sub>4</sub> (15 ml, spec. weight 1.34), CuSO<sub>4</sub> (1 g), Na<sub>2</sub>SO<sub>4</sub> (10 g) are added to the electrolytic Nb deposit (N, C), and the latter is dissolved curing heating. Furthermore, N<sub>2</sub> is determined from the solution by sublimation in the form of NH<sub>3</sub>. Nb is determined from the electrolytic deposit of nitrocarbides by processing with HF. C is determined by the barytic method. In the same electrolyte Cr, Zr, V nitrides are separated out at 0.02 amp/cm<sup>2</sup> current density.

V. Zhuravska

[Abstracter's note: Complete translation]

Card. 2/2

3/081/62/000/019/013/053 B144/B180

AUTHORS:

Klyachko, Yu. A., Shapiro, M. M., Yakovleva, Ye. F.

TITLE:

Separation of phase components from nickel-base alloys and

modern methods for their chemical analysis

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 19, 1962, 120, abstract 190105 (Byul. In-t metallokeram, i spets. splavov AN USSR,

no. 6, 1961, 80 - 87)

TEXT: The intermetallic and carbide phases in Ni alloys containing Al, Ti, Mo, W, Nb, and Co are separated electrochemically. The elements above are determined photometrically in the resulting mixture of carbides and intermetallic compounds: Al with Aluminon after reducing Fe<sup>3+</sup> by ascorbinic coid (Al is separated from large quantities of Ti, Cr, V, Nb, and other components by precipitating as cryolite from weak sulfate solutions); Wb with arsenazo or by photometering K hexaniobate solutions at 234.5 mm; Ti by the peroxide method without separating the accompanying components; No by the rhodanide method after reducing Mo<sup>6+</sup> to Mc by thiourea in the presence of CuSO<sub>4</sub>; and Co with nitroso R-salt (the distribing effect of Ni<sup>2+</sup> and Fe<sup>2+</sup> Card 1/2

S/081/62/000/019/013/053
Separation of phase components ... B144/B100

is eliminated by decomposing the relevant complexes by boiling with HNO<sub>3</sub>).

[Abstracter's note: Complete translation.]

KLYACHKO, Tu.A.; IAKOVLEVA, Ye.F.

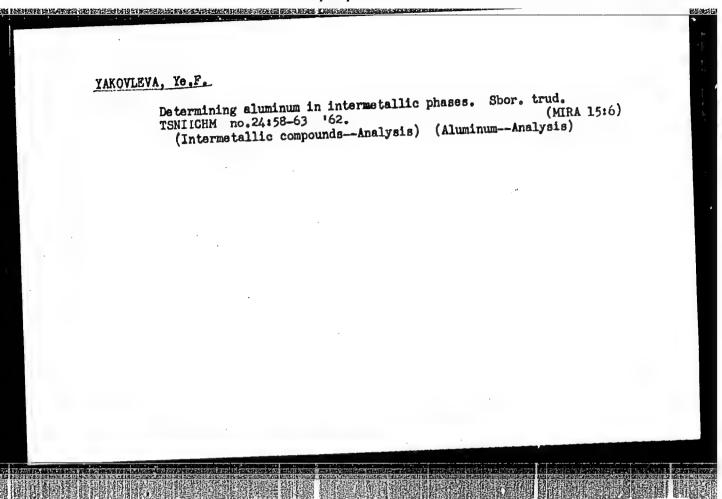
Electrolytic isolation and chemical analysis of iron tungstide and niobide in iron-base alloys. Sbor. trud. TSNIICHM no.24:
30-38 '62.

(Iron alloys—Analysis) (Intermetallic compounds—Analysis)

KLYACHKO, Yu.A.; SHAPIRO, M.M.; YAKOVLEVA, Ye.F.

Phase analysis of chromium steels alloyed with tungsten, molybdenum, vanadium, and niobium. Sbor. trud. TSNIICHM no.24:45-51 '62. (MIRA 15:6)

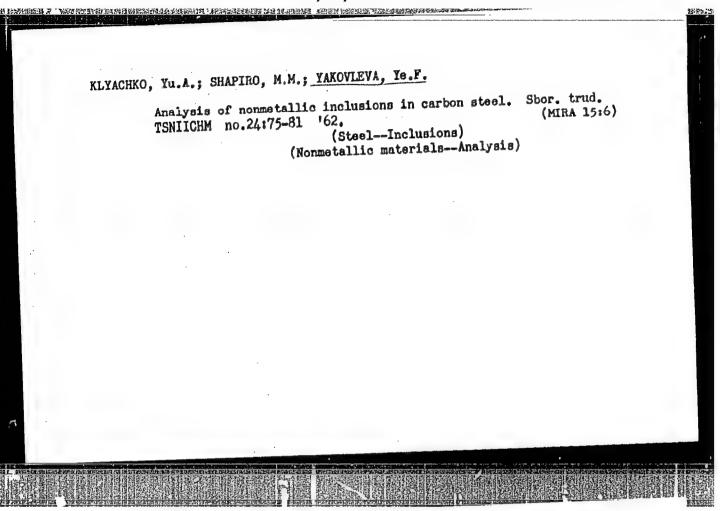
(Chromium steel-Analysis)



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962010004-8"

KLYACHKO, Yu.A.; SHAPIRO, M.M.; YAKOVLEVA, Ye.F.

Analysis of nonmetallic inclusions in stainless steel. Sbor.
(MIRA 15:6)
(Steel, Stainless—Inclusions)
(Nonmetallic materials—Analysis)

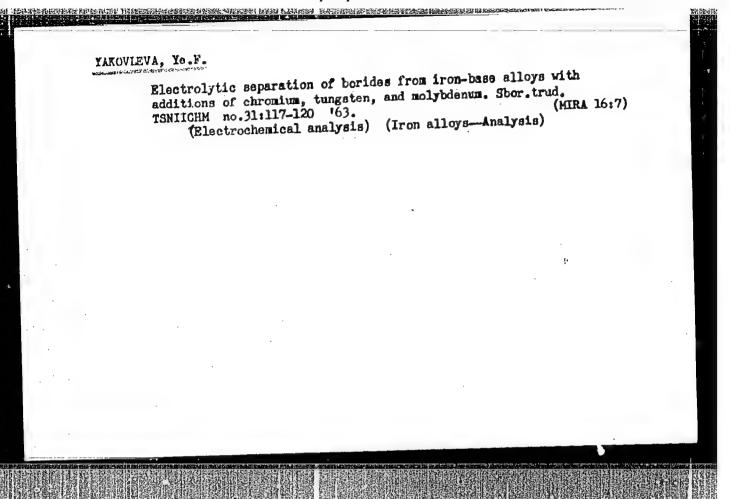


YAKOVLEV, Pavel Yakovlevich; YAKOVLEVA, Yevdokiya Frolovna; FOZDHYAKOVA, G.L., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Technical analysis in metallurgy; manual for laboratory workers] Tekhnicheskii analiz v metallurgii; spravochnoe ru-kovodstvo dlia laborantov. Moskva, Metallurgizdat, 1963.

(MIRA 16:2)

(Metallurgical analysis--Handbooks, manuals, etc.)



YAKOVLEVA, Ie.F.; SMIRNOVA, A.V.; KOSTONOGOV, V.G.

Phase analysis of Fe-Ni-Cr and Fe;Ni-Cr-Mo alloys. Sbor.trud.
TSNIICHM no.31:121-128 '63. (HIRA 16:7)
(Iron-nickel-chronium alloys-Met llography)
(Electrochemical analysis)
(Phase rule and equilibrium)

YAKOVLEVA, Ye.F.; BELYAYEVA, V.A.

Investigation of carbides precipitated from 12Kh2MFSR steel in three different electrolytes. Sbor. trud. TSMIICHM no.31:129-132 (MIRA 16:7)

163. (Chromium-manganese steel--Analysis)
(Electrochemical analysis)
(Carbideş)

KLYACHKO, Yn.A.; YMDVLEVA, Ye.F.

Differentiated phase analysis of iron and nickel-base alloys.
Sbor. trud. TSNIIGHM no.31:135-143 '63. (MKRA 16:7)

(Alloys—Metallography) (Phase rule and equilibrium)

(Electrochemical analysis)

ZIMINA, L.N.; YAKOVLEVA, Ye.F.; ZHARKOVA, D.N.

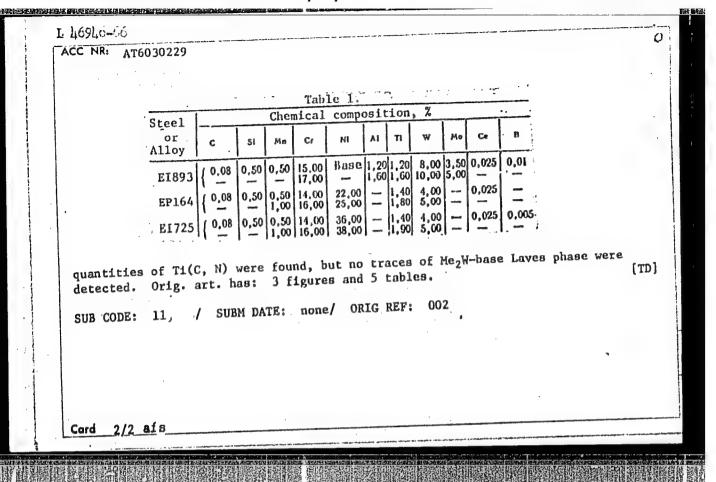
Garbide analysis of a cast chromium-nickel base alloy. Sbor. trud.
TSNIICAM no. 32:103-110 '63.

(MIRA 16:12)

FEL'DGANDLER, E.G.; YAKOVLEVA, Ye.F.

Distribution of addition elements between the ferrite and the austenite of the Khl7N7IU-type steel. Sbor. trud TSNIIGHM no. 35:67-68 '63. (MIRA 17:2)

| 16946-66 EVT(m)/T/EWP(t)/EFT IJP(c) JD/NV<br>CC NR: AT6030229 SOURCE CODE: UR/2776/66/000/049/C   |   |
|---|---|
| AUTHOR: Yakovleva, Ye. F.; Bogomolova, G. P.; Belyayeva, V. A.  | 35<br>En1                                   |
| DRG: none   |   |
| TITLE: Phase analysis of EP164 and EI725 steels, and EI893 alloy  |   |
| SOURCE: Msocow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy s<br>Sbornik trudov, no. 49, 1966. Novyye metody ispytaniy metallov; khimiches<br>v metallurgii (New methods in the analysis of metals; chemical control in   | metallurgii.<br>kiy kontrol'<br>metallurgy) |
| 116-124   |   |
| TOPIC TAGS: phase analysis, heat resistant steel, nickel chromium steel, chromium alloy, titanium containing alloy, tungsten containing alloy, alu taining alloy/EP164 nickel chromium steel, EP725 nickel chromium steel, E  | nickel<br>minum con-<br>1893 nickel         |
| hase alloy  | 6   |
| ABSTRACT: A method of phase analysis of EP164 and E1725 nickel-chromium E1893 nickel-base alloy, (see Fig. 1) has been developed. In E1893 alloy, V'-phase was isolated after aging for 15,000 hr at 800C and about 20% of V'-phase was isolated after aging for 20,000 hr at 750C. In both cases, significant for 20,000 hr at 750C. In both cases, significant for 20,000 hr at 750C. | the same                                    |
| V'-phase was isolated after aging for 15,000 hr at 750C. In both cases, signature phase was isolated after aging for 20,000 hr at 750C. In both cases, signature was isolated after aging for 20,000 hr at 750C.  | gnificant                                   |
|   |   |
| Card 1/2  |   |
|   |   |



RAZINA, T. M.; YAKOVLEVA, Ye. G.

"Traditsii 1 natsional'noye svoyeobraziye v iskusstve sovremennykh khudozhestvennykh promyslov RSFSR."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

Category: USSR B-1.2

Abs Jour: R Zh--Kh, No 3, 1957, 7680

Yakovleva, Ye. I., Rozental, K. I., and Filippov, T. S. Author

: Not given Inst

: On the Mechanism of the Electrochemical Formation of Oxygen Com-Title pounds with Chlorine at a Smooth Pt Electrode. I. Investigation of

the Kinetics of the Electrochemical Oxidation of Cl- and ClO3- Ions

by Anode Polarography

Orig Pub: Zh. Fiz. Khimii, 1956, Vol 30, No 4, 937-944

Abstract: The polarographic curves for the anodic oxydation of Cl (I), Clo

(II), ClO<sub>2</sub> (III) and ClO<sub>3</sub> (IV) have been recorded with a rotating Pt electrode for the purpose of investigating the mechanism of the electrochemical formation of compounds of oxygen with chlorine by a previously described method (RZhKhim, 1954, 35690). Sharp waves were obtained for I on a background of 0.9N Na2SO4 + 0.1N H2SO4, for II and III on a background of 1N NaCl, and for IV on a background of 6N NaClO<sub>1</sub>. The half-wave potential E, under these conditions is equal to 1.65, 0.41, 1.07, and 1.72 volts, respectively. The limiting

: 1/3 Card

and Phys Chem im L. Ya. Karpor

Category: USSR

B-12

Abs Jour: R Zh--Kh, No 3, 1957, 7680

current (i<sub>d</sub>) is proportional to the concentrations of I-IV over the concentration range  $\sim 10^{-2}$  -  $10^{-3}$ N, in the case of I and IV and  $10^{-2}$  -  $10^{-4}$  N in the case of II and III. For I, i<sub>d</sub> increases by about 20 percent when the rate of change of the potential  $\varphi$  is raised from 4 to 32 mv/sec; id depends on the condition of the Pt surface and on the pH (for H concentrations under 0.2N). In that range of acidity the pH influences the E<sub>2</sub> of I; the slope of the line  $\int E_1 \log (i_d-i)/i \int$ increases with increasing pH and becomes constant (160mv) at H concentrations of over 0.2N. In the case of IV a strong dependence of E2 and id on the pH and on the concentration of background ions is observed; id is independent of the condition of the surface of the Pt electrode and of the rate of change of  $\mathscr C$ . The slope of the line  $\int E$ ,  $\log (i_d-i)/i \int$  is equal to 60-70 mv. The possibility of the polarographic determination of I-IV when present together is shown. It is assumed that in sufficiently concentrated HCl solutions (1-10-1 N),

2/3 Card

-13-

Category: USSR

B-12

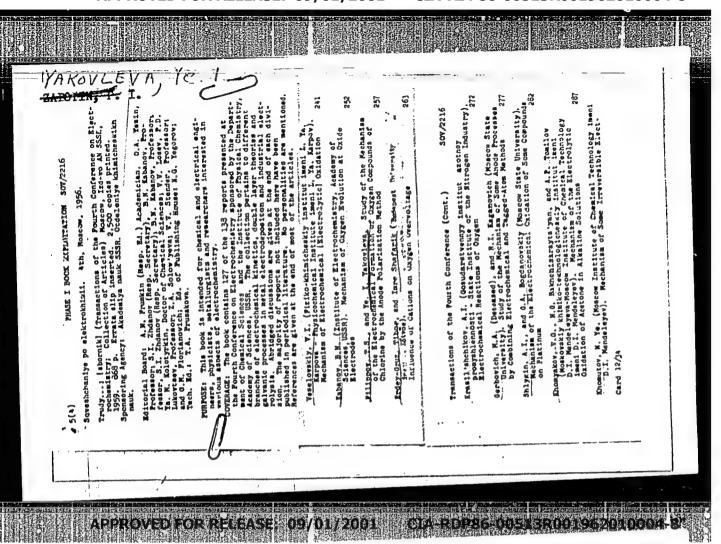
Abs Jour: R Zh--Kh, No 3, 1957, 7680

I is oxidized to  $Cl_2$ ; in dilute HCl solutions ( $10^{-2}$ - $10^{-3}$  N), I is oxidized to IV, and the reaction involves the active oxygen adsorbed at the Pt surface (RZhKhim, 1954, 35690); it is assumed that the rate of the overall process is determined by the rate of the step in which the Cl ions are oxidized by the oxygen adsorbed at the Pt electrode. It is also assumed that the anodic oxidation of IV to ClO, proceeds by way of the formation of ClO<sub>3</sub> radicals which are subsequently oxidized by the surface oxygen to ClO<sub>k</sub>.

Card : 3/3 -14-

# APPROMED FOR, RELEASEV, 09,501/2001/EVACIA-RDP86-00513R001962010004-8"

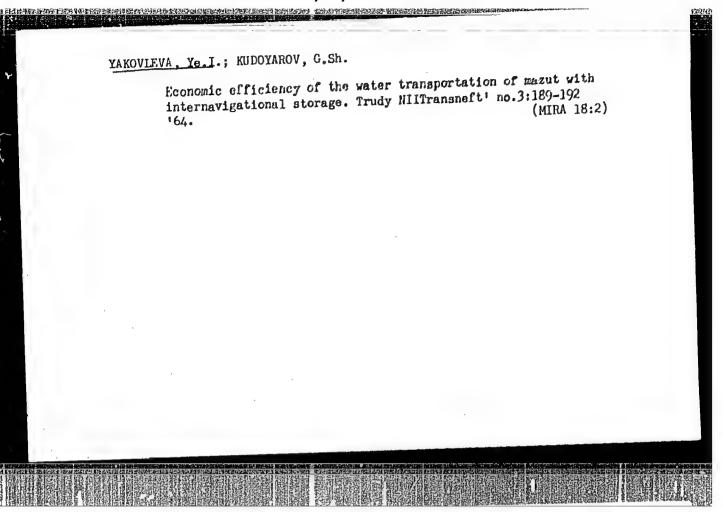
Problems of the transportation of petroleum products from Bashkiria. Trudy NIITransneft' no.3:182-188 '64. (MIRA 18:2)



YAKOVLEVA, Yelena Ivanovna; SEMINA, V.F., red.; KARAS', V.D., tekhn.red.

[Golden hands] Zolotye ruki. Irkutsk, Irkutskoe knizhnoe 1zd-vo.
(MIRA 13:9)

1958. 21 p. (Lebor and laboring classes)



# YAKOVLEVA, Ye. K. On several features of electrical activity of the brain in neurosis marked by obsessive states. Zh. Hevropat. Psikhiat., '52, 52, no.6, (MLRA 5:7) 20-23.

20-23. (PsA 27, no.8:6051 '53)

Ynkouleyn, E.k.

USSR/Human and Animal Physiology - Nervous System.

R-12

Abs Jour

: Referat Zhur - Biologiya, No 16, 1957, 71132

Author

Yakovleva, E.K.

Title

: Some Electrophysiologic Findings in Obsessive

Neurotics and Psychotics.

Orig Pub

: Coll.; Vopr. teorii i praktiki elektroenc. L. LGU. 1956,

210-216

Abstract

In psychotics more frequently noted were a poorly expressed alpha-rhythm, preponderance of beta-activity, and weak reaction to irritants, in response to both signal systems. In chronic obsessive neurotics, the EEG showed a clear high-amplitude alpha-rhythm of normal or lowered frequency. Reactions of patients on direct and indirect verbal stimuli (particularly emotionally significant ones) may be of short as well as long duration. The EEG findings and investigation of skin-galvanic reactions show that both groups are characterized by disturbances in the mobility of the fundamental nervous pro-

Card 1/1

- 90 -

cesses.

# ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.

Pathogenesis of somatic disturbances in hysteria. Sbor. trud. Len. mauchn. ob-va newr. i psikh. no.6:178-183 59. (MIRA 13:12)

1. Iz kliniki nevrozov instituta imeni V.M. Bekhtereva (nauchnyy rukovolitel i direktor instituta chlen-korrespondent Akademii pedagogicheskikh n...k RSFSR prof. V.N. Myasishchev).

(HYSTERIA)

ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.; CHASOV, V.A.

Group psychotherapy in alcoholism. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6:11-19 \*59. (MIRA 13:12)

1. Iz kliniki nevrozov i pogranichnykh sotsovaniy Instituta imeni V.M. Bekhtereva (nauchnyy rukovoditel' otdeleniya i direktor instituta -chlen-korrespondent Akademii pedagogiuheskikh nauk prof. V.N. Myneishohev. (ALCOHOLISM)

(GROUP PSYCHOTHERAPY)

YAKOVLEVA, Ye.K., Doc Med Sci — (diss) "Pathogenesis, therapy, and prophylaxis of obsessional neurosis and psychastenia, item to clinical and experimental data." Len, 1959, 21 pp (Len State Order of Lenin Inst for the "dvanced Training of Physicians im S.M. Kirov) 250 copies (KL, 35-59, 115)

- 55 -

YAKOVLEVA, Ye.K.; BASKINA, N.F.; BOBROVSKAYA, M.N.; KRESLING, Ye.M.; MYAGER, V.K.; SHKLYAROVA, E.T.; HIKOLAYEVA, K.N.

其 \$P\$\$P\$\$P\$11000 \$P\$\$P\$1200 \$P\$\$

Use of hemohormonestimulin in the clinical aspects of neuroses. Akt. vop.perel.krovi no.7:195-198 59. (MIRA 13:1)

1. Klinika nevrozov i pogranichnykh sontoyaniy Gos.psikhonevrologicheskogo nauchno-issledovatel skogo instituta imeni V.M. Bekhtereva
(direktor i nauchnyy rukovoditel - chlen-korrespondent AMN SSSR
prof. V.N. Myssishchev.

(HORMONES, SEX) (NEUROSES)

YAKOYLEYA, Ye.K.; ZACHEPITSKIY, R.A.; CHASOV, V.A.

Group psychotherapy for neurotic patients. Zhur.nerv.i psikh. 59 no.10:1201-1207 159. (MIRA 13:3)

1. Klinika nevrozov i pogranichenykh sostoyaniy Nauchno-issledovatel:skogo psikhonevrologicheskogo instituta imeni V.M. Bekhtereva (direktor - prof. V.N. Myasishchev), Leningrad.
(NEUROSES ther.)
(PSYCHOTHERAPY OROUP)

MYASISHCHEV, V.N.; ZACHEPITSKIY, R.A.; YAKOVLEVA, Ye.K.

Psychotherapy as a basic method in the treatment of psuroses.

Trudy Gos. nauch.-issl. psikhonevr. inst. no.20:277-285 '59.

(MIRA 14:1)

1. Gosudarstvennyy naucino-insledovatel'skiy psikhonevrologicheskiy institut imeni V.M. Bekhtersva, Leningrad.
(NEUROSES) (PSYCHOTHERAPY)

ZACHEPITSKIY, Refail Aleksandrovich; YAKOVLEVA, Yeksterina Konstantinovna; SHVAREV, A.I., red.; SHEVCHERAU, F.Ia., tekhn. red.

[Role of improper upbringing in the genesis of neuroses] Rol' nepravil'nogo vospitaniia v proiskhozhdenii nevrozov. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 39 p. (MIRA 14:7) (NERVOUS SYSTEM-DISEASES) (CHILDREN-MANAGEMENT)

MYASISHCHEV, V.N. (Leningrad); BASSIN, P.V.; YAKUVLAVA, Yeaks (Moskva)

First Psychiatric Congress in Czechoslovakia. Zhur. nevr.i psikh.
(MIRA 14:1)

(PSYCHIATRY—CONGRESSES)

YAKOVLEVA, Ye.K.; ZACHEPITSKIY, R.A.; STRAUMIT, A.Ya.

Relative importance of various methods in the treatment of neuroses.

Trudy Gos. nauch.-issl. psikhonevr. inst. no.24:19-25 '61.

(MIRA 15:5)

1. Otdeleniye nevrozov i pogranichnykh sostoyaniy Gosudarstvennogo nauchno-issledovatel skogo psikhonevrologicheskogo instituta imeni Bekhtereva.

(NEUROSES)

YAKOVLEVA, Ye.K.; ZACHEPITSKIY, R.A.

Catamnesis of patients with neuroses. Zhur.nevr.i psikh. 61 no.10: 1529-1533 '61. (MIRA 15:11)

1. Klinika nevrozov i pogranichnykh sostovaniy Nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (dir. prof. V.N.Myasishchev), Leningrad. (NEUROSES)

YAKOVLEVA, Ye.K.; BOEROVSKAYA, M.N.; KRESLING, Ye.M.; MYAGER, V.K.

Trioxazine therapy in the clinic for neuroses. Zhur.nevr.i psikh. 62 no.8:1225-1227 Ag '62. (MIRA 15:12)

1. Klinika nevrozov i pogranichnykh sostoyaniy (zav. - doktor meditsinskikh nauk Ye.K.Yakovleva) Nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (dir. - kand.med.nauk B.A.Lebedev), Leningrad.

(NEUROSES) (OKAZINE)

ZACHEPITSKIY, R.A. (Leningrad); YAKOVLEVA, Ye.K. (Leningrad)

Psychosomatic interrelations in sexual disorders in neurosis patients. Trudy Gos. nauch. issl. psikhonevr. inst. 29:257-265 '63. (MIRA 17:8)

THE REPORT OF THE PROPERTY OF THE PERSON OF

YAKOVIAWA, Yekaterina Milovna

IAKOVLEVA, Ekaterina Nilovna. Bibliografiia Kongol'skoi narodnoi respubliki Iakovlevaticheskii ukuzatel' kmig i zhurnal'nykh statei na russkom iszyke) pod red. F.A. Telezhnikova. Koskva, 1935. 228 p. (Kauchnoissledovatel'skaia assotsiatsiia po izucheniiu natsional'nykh ikolonial'nykh problem. no. 18.)

SO: LC, Soviet Geography, Fart I, 1951, uncl.

YAKOYLEVA, Ye.N., kand.ekonom.nauk, nauchnyy sotrudnik; FARBEROVA, E.N., nauchnyy sotrudnik; GRUZINOV, V.P., nauchnyy sotrudnik; ROGOVOY, L.Z., nauchnyy sotrudnik; SHUYTTE, G.G., nauchnyy sotrudnik; GORFAN, K.L., nauchnyy sotrudnik; SEREZHKIN, A.S., nauchnyy sotrudnik; LYADOV, P.F., nauchnyy sotrudnik; SAVOST'YANOV, V.V., nauchnyy sotrudnik; FILIPPOVA, V.V., nauchnyy sotrudnik; KHOLIN, I.A., red.; PONOMAREVA, A.A., tekhn.red.

[Statistical manual on problems of labor and wages in the socialist countries of Europe] Statisticheskii sbornik po voprosam truda i zarabotnoi platy v evropeiskikh sotsialisticheskikh stranakh.

Moskva, Gosplanizdat, 1959. 198 p. (MIRA 12:9)

l. Moscow. Nauchno-issledovatel'skiy institut truda. 2. Otdel stran narodnoy demokratii Nauchno-issledovatel'skogo instituta truda (for all except Kholin, Ponomareva). (Europe, Eastern--Labor and laboring classes--Statistics)

BONDARENKO, T.M.; GORBOV, V.G. [Horbov, V.H.]; KOMAROV, I.Z.; VOYTOVICH, O.S. [Voitovych, O.S.]; KAMINSKIY, F.T. [Kamins'kyi, F.T.]; YAKOVLEVA, Ye.O. [IAkovlieva, IE.O.]; YAKOVLEV, S.B. [IAkovliev, S.B.]; YAVONENKO, O.Ya. [IAvonenko, O.Ya.]; VISHCHUH, I.A., red.; ALEKSANDROV, M.O., tekhn.red.

[Our territory; brief guide-reference book] Nash krai; korotkyi putivnyk-dovidnyk. Mykolaiv, Mykolaivs'ke obl.upr.kul'tury, 1958. 94 p. (MIRA 13:2)

1. Nikolayev. Oblastnyi kraieznavchyi muzei. (Nikolayev Province--Guidebooks)

KRUSSER, O.V.; VALAKHANOVICH, A.I.; YAKOVLEVA, Ye.P.; BASKAKOVA, A.A.

的比较级性,这种是人类的现在分词,这种是不是一种,这种不是一种,这种是一种,是一种,是一种,是一种,这种种种,这种种种种,这种种种种种种,这种种种种种种,这种种

Isolation of amino acids from the mycelium of Actinomyces globisporus streptomycini. Trudy Len.khim-farm.inst. no.15: 135-140 62. (MIRA 15:11)

1. Kafedra tekhnologii antibiotikov (zav. - prof. P.A.Yakimov) Leningradskogo khimiko-farmatsevticheskogo instituta i Minskiy zavod meditsinskikh preparatov (dir. N.G.Semizhon). (AMINO ACIDS) (ACTINOMYCES)

YAKOVLEVA, YE. S.

Yakovleva, Ye. S. and Klebanova, Ye. A. "Changes in the living organism under the influence of its living conditions", Yestestvoznaniye v shkole, 1949, No. 2, p. 18-28.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

YAKOVLEV, N.H.; YAKOVLEVA, Ye.S.

Effect of systematic exercise on biochemical and morphological transformation of muscles. Usp. sovrem. biol. 35 no.1:134-151 Jan-Feb 1953. (CLML 24:3)

1. Loningrad.

YAKOVLEVA

KOVESHNIKOVA, A.K.; KIMBANOVA, Ye.A.; YAKOVLEVA, Ye.S.; FANTALOVA, V.L.,
redaktor; TIMOKHIN, S.T., tekhnichsbkiy redaktor.

[Outlines of human functional anatomy; manual for teachers in
secondary schools] Ocherki po funktsional noi anatomii chelovska;
posobie dlia uchitelei srednikh shkol. Moskva, Izd-vo Akademii
pedagog, nauk RSFSR, 1954. 339 p.

(Anatomy, Human)

(Anatomy, Human)

ipadik kiteban 10. kitetek dang kepang batang kabang kang kang pasi " kabang sagas kabangan kang kang kang kan : USSR CJUFTRY CATEGORY 1959, No. 282 ABB. JOUR. : RZBiol., No. / : Koveshnikova, A. K.; Yakovieva, Ye. S. ROHTUA : Postembryonic Development of Motor Herve INST. LITLE Endings of Man and animals. ORIG. PUB. : Sb.: Probl. funktsion. morrol. dvigatelin. apparato. L., Fedgiz, 1956, 135-146 : Study of motor nerve endings (NL) in muscles of extremities of man and animals (cat, rabbit, dog), at different stages of postembryonic development. Up to the age of one month their structure is very simple. Thereafter takes place a division of the axis-cylinder into branches and formation of endings in the shape of pincers. In the mennate muscles (mostly static), as compared with the parallel-fiber muscles (mostly dynamic), ME are differentiated earlier, and index of innervation (ratio of the area of the ending to transversal section of muscle fiber) is higher. We develop more rapidly in muscles of distal parts of extremities. The nervous apparatus is formed CARD: 1/2 20

- Country : USSR CATEGORY :

ABB. JOUR. : RZB1ol., No. / 1959, No. 282

AUTHOR

ORIG. PUB. :

ABSTRACT: more rapidly in rabbits than in the two other species. In man, during the first 2-3 months after birth the We have a simple structure; by the 7th month NE of more chapter structure appear. At the age of 2-4 years the number of terminal dendrites increases to 4, and the number of end-plate nuclei, to 12-13. By the age of 4-7 years these dendrites become thinner, longer, and often curved in an elaborate pattern. In an adult man the number of terminal dendrites may be up to 8, that of nuclei -- up to 23-26. Differentiation of NE takes place in animals within several months, while in man it lasts for years. It is noted that in all instances, at any age, there are NE of different degree of differentiation.

CARD: 2/2

TAKOVLEVA, Ye.S.; KONKIN, I.F.; SVADKOVSKIY, B.S.

Fourth Conference on Age Factors in Morphology, Physiology, and Biochemistry. Arkh.enat.gist.i embr. 37 no.8:117-122 (MIRA 12:11)

Ag '59. (AGE)

# YAKOVIEVA, Ye.S.

Functional characteristics of the structure and age changes of the muscles of the forearm in man. Arkh.anat.gist.i embr. 37 no.12: 35-44 D \*59. (MIRA 13:5)

1. Laboratoriya funktsional noy morfologii cheloveka 1 zhivotnykh (zav. - kand.biol.nauk A.K. Koveshnikova) Zoologicheskogo instituta AN SSSR imeni P.F. Lesgafta. Adres avtora: Leningrad, tsentral naya Universitetskaya naverezhnaya, dom 1. Zoologicheskiy instituta AN SSSR.

(ARM musc. & tendons)
(AGING eff.)

BUKIN, Yu.V.; GERLOVIN, Ye.Sh.; YAKOVLEVA, Ye.S. Survey of the sessions of the Leningrad Society of Anatomists, Histologists, and Embryologists in 1959-1960. Arkh. anat. gist. i embr. 40 no.3:108-115 Mr '61. (MIRA 14:5) (LENINGRAD-ANATOMICAL SOCIETIES)

CIA-RDP86-00513R001962010004-8" APPROVED FOR RELEASE: 09/01/2001

#### YAKOVLEVA, Ye.S.

Functional characteristics of the anatomical structure of the forearm muscles in some species of Scuridae. Arki. anat., glst. i embr. 44 no.5:117-127 My 163. (BRA 17:6)

1. Laboratoriya funktsional'noy morfologli (ispolnynyushchiy obyazannosti zav. - starshiy nauchnyy sotrudnik Ya.A. Klebanova) Zoologicheskogo instituta AN SSSK, Leningrad.

YAKOVLEVA, Yo.S. (Leningrad, ul. Soyuzu pochatnikov, 25a, kv. 40)

Brief news. Arkh. anat., gist. i embr. 47 no. 11;117-123
N '64

(MIRA 19:1)

KOROBKOV, Anatoliy Vital yevich, doktor med. nauk, prof.; SHKURDODA, Vladimir Antonovich, kand. pedag. nauk starshiy nauchnyy sotrudnik; YAKOVLEV, Nikolay Nikolayevich, doktor biolog. nauk, prof.; YAKOVLEVA, Yelena Sergeyevna, kand. biolog. nauk, starshiy nauchnyy YAKOVLEVA, Yelena Sergeyevna, kand. biolog. nauk, starshiy nauchnyy sotrudnik; KHOTYANOVA, G.B., red.; MANINA, M.P., tekhn. red.

[Physical education for persons of various ages; biological fundamentals] Fizicheskaia kultura liudei raznogo vozrasta; biologicheskie osnovy. Pod red. A.V.Korobkova. Moskva, Izd-vo biologicheskie osnovy. Pod red. A.V.Korobkova. (MIRA 16:6) "Kultura i sport," 1962. 370 p. (PHYSICAL EDUCATION AND TRAINING)

FRUMKIN, A.N., akademik; KAGANOVICH, R.I.; YAKOVLEVA, Ye.V.; SOBOL', V.V. Effect of cations on oxygen overvoltage. Dokl. AN SSSR 141 no.6: (MIRA 14:12) 1416-1419 D '61. 1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Cations) (Oxygen) (Overvoltage)

CIA-RDP86-00513R001962010004-8" APPROVED FOR RELEASE: 09/01/2001

ithe sameleadoracionem electronem en come de westallantes de come de la come

YAKOVLEVA, Ye. V.

Drug Industry

Quality of production of the chemical and pharmaceutical industry. Ked. prom. No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 1655, Uncl.

NATRADZE, A.G., kandidat tekhnioheskikh nauk;

Chemicopharmaceutical industry of the U.S.S.R. and certain other countries. Khim.nauka i prom. 1 no.4:461-466 '56. (MLRA 9:11) (CHEMISTRY, MEDICAL AND PHARMACEUTICAL) (DEUG INDUSTRY)

YAKOVIEVA, Ye.V.

Chemicopharmaceutical industry during the sixth five-year plan.

Med.prom. 10 no.3:3-6 J1-S \*56. (MIRA 9:11)

1. Glavnoye upravleniye khimiko-farmatsevticheskoy prlmyshlennosti. (DRUG INDUSTRY)

YAKOVLEVA, Ye. V.

YAKOVIEVA, Ye.V.

Gardiacs and vasomotor drugs produced by the chemicopharmaceutical industry during the sixth five-year plan. Med.prom. 11 no.6:19-21 Je 157. (MLRA 10:8)

1. Glavnoye upravleniye khimiko-farmatsevticheskoy promyshlennosti (VASOMOTOR DURGS)

TUL'CHINSKAYA, K.Z.; VADOVA, V.A.; YAKOVLEVA, Ye.V.

Study of the influence of increased doses of vitamins on the animal organism. Trudy VHIVI 6:192-203 59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Biologicheskaya laboratoriya. (VITAMINS)

GUSENKOV, P.V.; NATRADZE, A.G.; KORZHENEVSKIY, B.S.; RUETSOV, M.V.; PERSHIN, G.N.; NAGIDSON, O.Tu.; KRAFT, M.Ya.; TAKOYLEVA, Ye.V.; SMIRENSKIY, S.P. M.D. Riamantsev; obituary. Med.prom. 14 no.2:64 F '60.

(RIAZANTSEV, MIKHAIL DMITRIBVICH, 1892-1960)

CYAKOVLEVA, Ye.V.; BERNFEL'D, M.I.

Prospects for the development of the pharmaceutical chemical industry. Med. prom. 14 no.5:3-6 My 160. (MIRA 13:9)

1. Ministerstyo zdravookhraneniya SSSR. (DRUG INDUSTRY)

YAKOVLEVA, YE.YA.

11

PHASE I BOOK EXPLOITATION

sov/5994

Akademiya rauk Ukrainskoy SSR. Institut metallokeramiki i spetsial nykh splavov. Seminar po zharostoykim materialam. Klyav, 1960.

Trudy Seminara po zharostoykim materialam, 19-21 aprelya 1950 g.

Byulleten no. 6: Khimicheskiye svoystva i metody analiza tugoplavkikh soyedineniy (Transactions of the Seminar on HeatResistant Materials of the Institute of Powder Hetallurgy and
Special Alloys of the Academy of Sciences of the Ukrainian
SSR. Held 19-21 April, 1960. Bulletin no. 6: Chemical Properties and Nethods of Refractory Compound Analysis). Kiyev,
Izd-vo AN UkrSSR, 1961. 124 p. 1500 copies printed.

Sponsoring Agency: Akademiya nauk U crainskoy SSR. Institut metallokeramiki i spetsial nykh splavov.

Editorial Board: I. N. Frantsovich; G. V. Samnonov, Rosp. Ed.;
I. M. Fedorchenko, V. N. Yeremenko, V. V. Grigor'yeva, and
T. N. Nazarchuk; Tech. Ed.: A. A. Hatveychuk.

Card 1/5

3

Transactions of the Seminar (Cont.): Sov/5994

PURPOSE: This collection:of articles is intended for chemists, engineers, workers at scientific research institutes and plant laboratories, senior students, and aspirants at chemical and metallurgical schools of higher education.

COVERAGE: Articles of the collection present the results of studies of the chemical properties of refractory compounds (carbides, borides, nitrides, phosphorides, silicides), refractory and rare metals, and their alloys, and some original fractory and rare metals, and their alloys, and some original methods of analyzing these materials, which are now being utilized in the new fields of engineering. No personalities are mentioned. Each article is accompanied by reforences, mostly Soviet.

TABLE OF CONTENTS:

Foreword

Samsonov, G. V. Refractory Compounds, Their Properties, Pro-Card 2/5

|   |    | 1 |
|---|----|---|
| Transactions of the Seminar (Cont.)   |    |   |
| duction, and Role in Modern Engineering   | 5  |   |
| Nazarchuk, T. H. Boron Carbide. Chemical Properties and Hethods of Analysis                                       | 30 |   |
| Kosolapova, T. Ya., and G. V. Samsonov. Chemical Properties of<br>Chromium Carbides and Nothods of Their Analysis | 38 |   |
| Kugay, L. N. Chemical Proporties of Borides of Transition and<br>Rare-Earth Metals and Methods of Their Analysis  | 45 |   |
| Sheherbakov, V. G., R. H. Veytsman, and Z. K. Stegendo. Analysis of Titanium, Chromium, and Zirconium Borides     | 52 |   |
| Klyachko, Yu. A., M. H. Shapiro, and Ye. Ya. Yakovleva. Phase<br>Analysis of Mitrides in Steels and Alloys        | 59 |   |
| Popova, O. I., and G. T. Kabannik. Chemical Properties and<br>Analysis of Some Nitrides                           | 64 | , |
| Card 3/5  |    |   |
|   |    |   |

YAKOVLEVA, Z.A.; RUBAN, I.G.; PARSHINA, Z.S.

Drying of goby in a conveyor steam dryer. Trudy Azcherniro no.21:36-40 43. (MIRA 17:8)

### YAKOVLEVA, Z.A.

Mineral content of principal commercial fish caught in the southern and central Atlantic and verification of the correlation between the content of mineral elements and protein.

Vop. pdt. 23 no.1:57-60 Ja-F 164. (MIRA 17:8)

1. Iz tekhnologicheskoy laboratorii (zav. - kand. tekhn. nauk G.K. Koval'chuk) Azovo-Chernomorskogo nauchno-issledovatel'-skogo instituta mirskogo rybnogo khozyaystva i okeanografii, Kerch'.

### "APPROVED FOR RELEASE: 09/01/2001 CI

CIA-RDP86-00513R001962010004-8

YAKOVLEVA, Z.A.

Studying the characteristics of Atlantic fish. Trudy Azcherniro no.21:46-50 '63. (MIRA 17:8)

ACC NRI AP7005879

SOURCE CODE: UR/0181/66/008/012/3680/3681

AUTHOR: Zaripov, M. M.; Kropotov, V. S.; Livanova, L. D.; Stolov, A. L.; Yakovleva, Zh. S.

ORG: Kazan' State University im. V. I. Ul'yanov-Lenin (Kazanskiy gosudarstvennyy universitet)

TITLE: EPR and optical spectrum of Cr3+ ions in MgF2

SOURCE: Fizika tverdogo tela, v. 8, no. 12, 1966, 3680-3681

TOPIC TAGS: laser material, epr spectrum, luminescence spectrum, optic spectrum, magnesium compound, fluoride, activated crystal, chromium, cayafaal apunity, inputity, inputity

Card 1/2

UDC: none

| empensated by the Li, Na, or Cu in a nonlocal manner. Orig. art. has: 1 figure [WA-14] [02] code: 20/ SUBM DATE: 28Jun66/ OTH REF: 002 |
|--|
| ODE: 20/ SUBM DATE: 28Jun66/ OTH REF: 002  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

KLYUCHIKOV, V.N., YAKOVLEVA, Z.I.

Biundulant viral meningoencephalitis in the upper Volga region.
[with summary in French]. Zhur.nevr. i psikh. 58 no.6:659-664 158
[MIRA 11:7)

1. Klinika nervnykh bolezney (dir. - prof. G.G. Sokolyanskiy)
Yaroslavskogo meditsinskogo instituta i 1-ya gorodskaya bol'nitsa
g. Kostromy (glavnyy vrach A.I. Belov).
(ENCEPHALITIS, EPIDEMIC, enidemiology,

WPHALITIS, EPIDEMIC, eningeoncephalitis in Russia (Rus))

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962010004-8

KAIAHINA, A.V.; PRILEZHAYEVA, Ye.N.; YAKOVLEVA, Z.I.

Synthesis and transformations of vinyl argl ethers. Report
No.18: Addition of mercaptans to vinyl ethers of the aromatic
series. Izv. Fiz.-khim. nauch.-issl. inst. Irk. un. 5 no.1:
193-206 '61.

(Ethers) (Thiols)

YAKCVIEVA, Z. M.

YAKOVLEVA, Z. M. -- "On the Therapeutic Effect of Streptomycin on the Course of Experimental Friedlander's Pneumonia among Adults and Developing Animals." Leningrad, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

So.: Knizhnaya Litopis', No. 7, 1956.

KONDRASHINA, A.M.; YAKOVLEVA, Z.M.

Securing tailing piles at the Tekeli ore dressing plant. TSvet.
met. 36 no.10:77 0 '63.

(MIRA 16:12)

YAKOVLEVA, Z. M. Cand Biol Sci -- (diss) "The Fixation of State of Sainfoin and Almospheric Nitrogen by Nodule-Forming Bacteria of Sainfoin and Linearne in the Light Chestnut-Brown Soils of Alma-Atinskaya Oblast."

Alma-Ata, 1957. 16 pp 22 cm. (Kazakh State Univ im S. M. Kirov),

100 copies (KL, 27-57, 106)

- 22 -

F-2

## YAKOVLEVA, Z.M.

USSR/Microbiology - Antibiosis and Symbiosis

Antiobiotics.

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81446

Yakovleva, Z.M. Author

Inst

The Condition of Tuberous Bacteria Under Condi-

tions of Symbiosis and Molecular Nitrogen Title

Fixation.

Izv. AN SSR, Ser. biol., 1957, No. 2, 241-247 Orig Pub:

It was established that the bacteroidal tissue Abstract:

of the small tubers of esparsette and alfalfa is heterogeneous as to the numbers and physiological state of the cells. The density of bacteria from the top and middle portions of the tuber is higher than from tissue at the base. By staining of the bacterial plasma and

Inst Soil Science, AS Kay 55R Card 1/2

ROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962010004

YAKOVLEVA, Z.M.

POPULARIA PROPERTIES AND AND THE TELEVISION OF THE PROPERTY OF

Studying sainfoin and alfalfa as nitrogen accumulators on the irrigated and unirrigated light-colored Chestnut soils of Alma-Ata Province. Izv. AN Kazakh, SSR. Ser. biol, no.12:77-91 '57 (MLRA 10:4)

(ALMA-ATA PROVINCE--NITROGEN--FIXATION)
(ALMALFA) (SAINFOIN)

| COUNTRY                  | : USSA<br>: Pleat Diseases. Diseases of Cultivated Plants 0   |          |
|--------------------------|---|----------|
| APS. JOUR.               | : RZhBiol., No.23 1953, No. 104999  | 0        |
| AUTHOR<br>INST.<br>TITLE | Yakovleva, L. M. Institute of Microbiology and Virology, AS Kagasa Effect of the Fungi of Genus Alternaria on the oprouting of Esparcet in the Field.   | *        |
| ORIG. PUB.               | Tr. In-to mikrobiol. 1 virusol. AN KazSSR, 1958, 2, 61-65   | *1       |
| A RSTINACT               | The species composition of the fungi of genus Alternaria affecting the seeds and vegetative organs of departed was determined: Alternaria tenus, Al. humicole, Al. geophila. By lovering the germination and the growth vigor of the seeds, fungi of genus Alternaria have also a negative influence on the aprouting of the plants in the field. Hulling the esparted fruits is recommended as a method of pre-sowing treatment of the seeds, which approximately increases the aprouting of the plants in the field Ye. S. Arutyunyan | A        |
| CARD: 1/1                |   |          |
| AE DE DOMES AND S        |   | STARREST |

CHULAKOV, Sh.A.; YAKOVLEVA, Z.M.

Methods of microphotography. Isv.AN Kazakh.SSR.Ser.bot.1 pochv.
no.2:73-75 '59. (Microphotography)

(Microphotography)

### YAKOVIEVA, Z.H.

。 1833年35日建筑45日,1878年3月,1978年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月,1878年3月

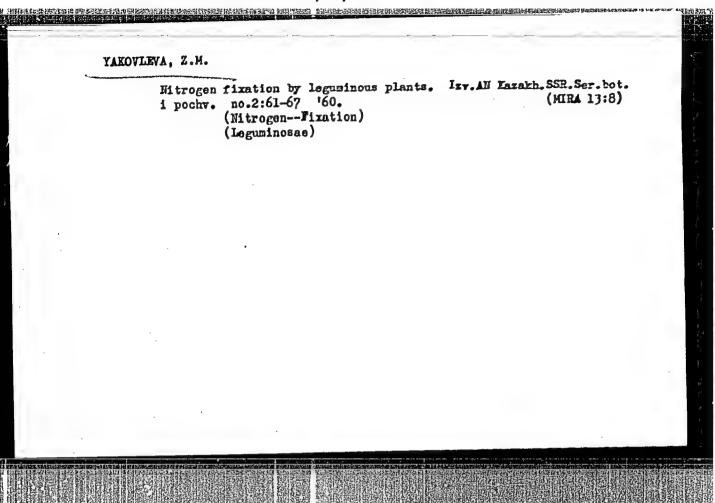
Isoslectric point of nodule bacteria. Izv.AN SSSR.Ser.biol. no.4:595-598 J1-Ag '59. (HIRA 12:9)

1. V.V.Dokuchaev Soil Institute, Academy of Sciences of the Kazakh S.S.R., Moscow.

(KZYL-ORDA PROVINCE-MICRO-ORGANISMS, NITROCKE-FIXING)

(ISOMLECTRIC POINT)

## YAKOVLEVA, Z.H. Mitrogen fixation by leguminous plants. Igv.AM Kazakh.SSR, Ser.bot. i pochv. no.2:55-60 '60. (MIRA 13:8) (Soils—Hitrogen content) (Soils—Hitrogen content)



YAKOVLEVA, Z.M.

Nitrogen-fixing capacity in different forms of nodule bacteria.

Izv. AN SSSR. Ser. biol. no. 4:626-628 Jl-Ag '60.

(MIRA 13:8)

1. Institut pochvovedeniya Akademii nauk KazSSR. (MICRO-ORGANISMS, NITROGEN-FIXING)

# YAKOVLEVA, Z.M. Studies on nucleic acid metal: lism in nodule bacteria. Izv.AN SSSR. Ser.biol. no.6:923-925 N-D '60. 1. Institut pochvovedeniya Akademii nauk KazSSR. (NUCLEIC ACIDS) (MICRO-ORGANISMS, NITROGEN-FIXING)

### YAKOVLEVA, Z.M.

Some characteristics of nodule bacteria in symbiosis. Trudy Inst. mikrobiol. no.11:198-201 61 (MIRA 16:11)

1. Institut pochvovedeniya AN Kazakhskoy SSR.

inempering out the control of the co

BUTENKO, R.G.; YAKOVIEVA, Z.M.; DAITRIYEVA, N.H.

Effect of gibberellic acid on the growth and auxin metabolism of inclated tissue cultures exposed to light of different quality. Dokl. AN SSSR 139 no.5:1246-1249 Agg. 61.

(MIRA 14:8)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR. Predstavleno akademikom A.L. Kursanovym. (Gibberellic acid) (Hormones (Plants))

(Plants, Effect of light on)

BUTENKO, R.G.; YAKOVLEVA, Z.M.

Controlled organogenesis and regeneration of a whole plant in a culture of nondifferentiated plant tissue. Izv. AN SSSR. Ser. biol.no.2:230-241 Mr-Ap'62. (MIRA 16:7)

1. Institute of Plant Physiology, Academy of Sciences of the U.S.S.R., Moscow.
(TISSUE CULTURE) (REGENERATION (BOTANY))

ing menggang dependagan dan basa pamangan menggangan penggan penggan beberapan mangan mangan penggan beberapan

### YAKOVLEVA, Z.M.

Experimental data on the use of dibasol for the increase of the protective reaction of the body. Zhur. mikrobiol. epid. i immun. 33 no.10:141-142 0'62 (MIRA 17:4)

1. Iz Chelyabinskogo meditsinskogo instituta.

GORYAYEV, M.I., akademik; SEITOV, Z.S.; YAKOVIEYA, Z.M.

Freeze-drying pure cultures of nodule bacteria. Vest. All Kazakh.SSR 18 no.1:107 Ja '62. (MIRA 15:2)

1. Akademiya nauk Kazakhskoy SSR (for Goryayov).

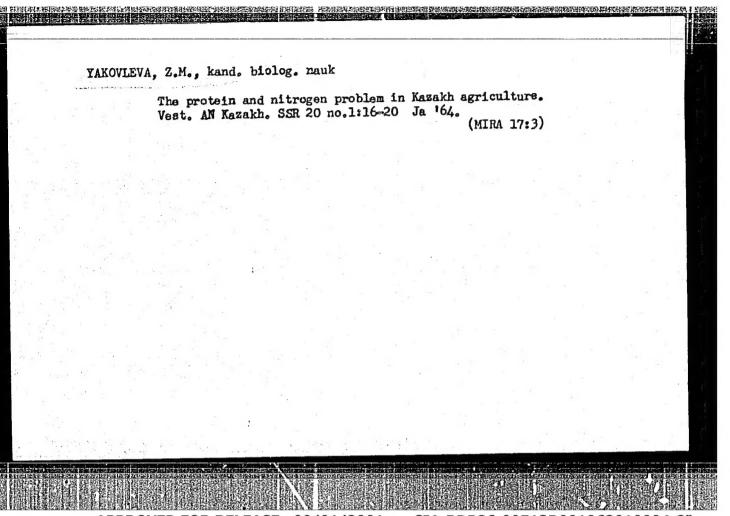
(Freeze-drying)

(Micro-organisms, Nitrogen-fixing)

EBERT, L.Ya.; BUKHARIN, O.V.; YAKOVLEVA, Z.M.; SOLONINA, I.P.

Experimental studies on ecmoline in association with some vitamins of the B complex. Antibiotiki 9 no.7:641-645 Jl (MIRA 18:3)

1. Kafedra mikrobiologii Chelyabinskogo meditsinskogo instituta.



IBRAYEV, G.Zh.; GORYAYEV, M.I.; KARAGUYSHIYEVA, D.; YAKOVLEVA, Z.M.; KIM, G.S.

Using plant waste hydrolysates in culturing nitrogen-fixing bacteria, Vest. AN Kazakh. SSR 20 no.6:3-8 Je 164 (MIRA 18:1)

BUKHARIN, O.V.; YAKOVLEVA, 2.M.

Protective nonspecific effect of lysozyme in infections. Antibiotiki 10 nc.22151-156 F 165. (MIRA 1815)

1. Kafedra mi'robiologii (zav. - prof. L.Ya. Ebert) Chelyabinskogo meditsinskogo instituta.